

Lines 170, 115, and 116 are being  
Monitored by the  
Impairment Diagnosis Software.

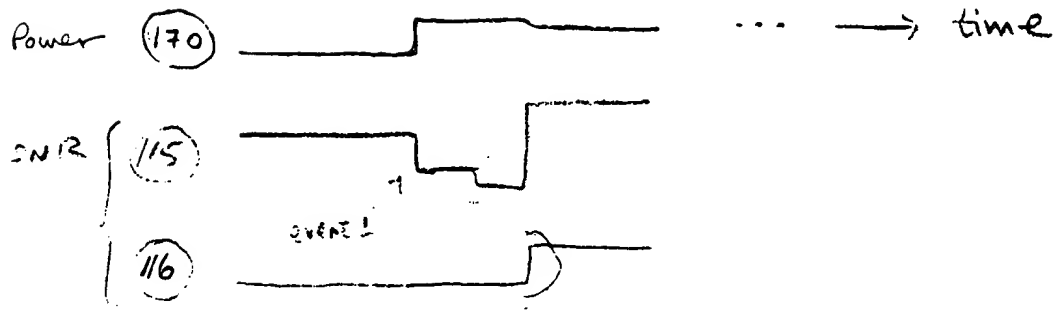


Fig. 1

001340, P081

possible victim channels  
(columns)

possible  
offender  
channels  
(rows)

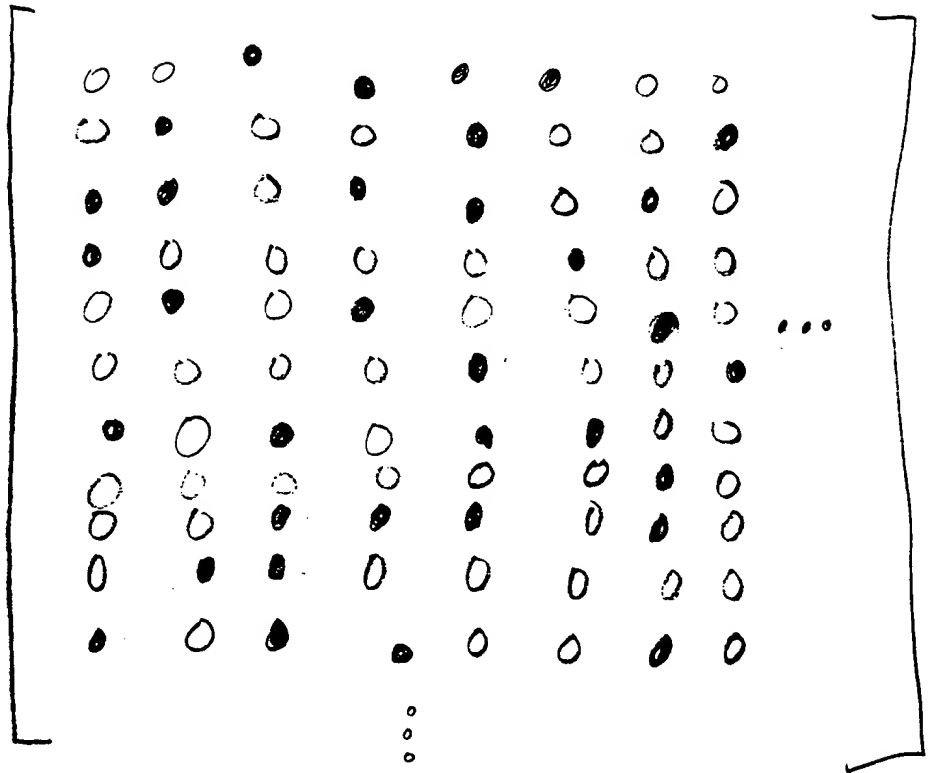


Fig. 2

001 340, P081

re-ordered  
possible  
offender  
channels  
(rows)

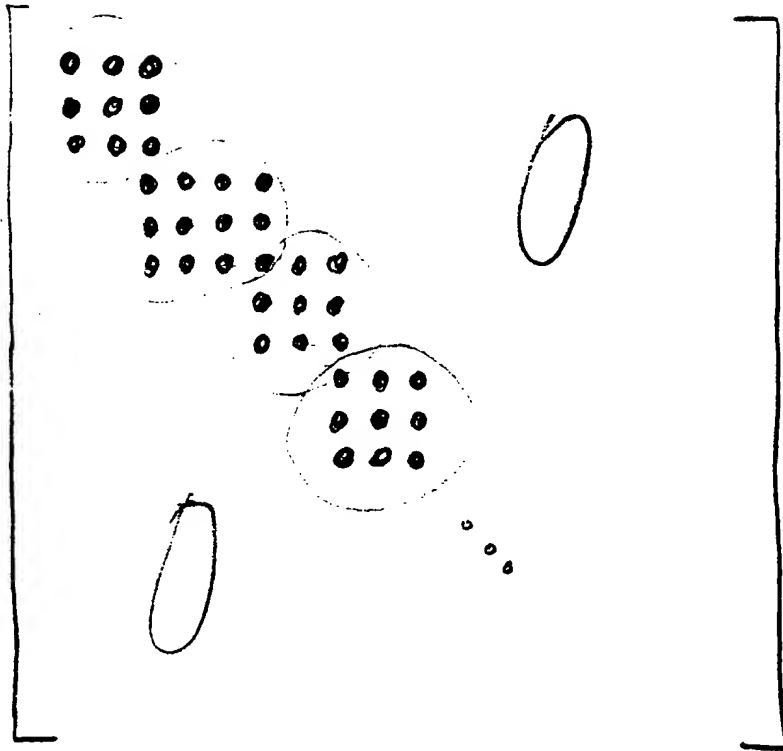


Fig. 3A

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Fig. 3B

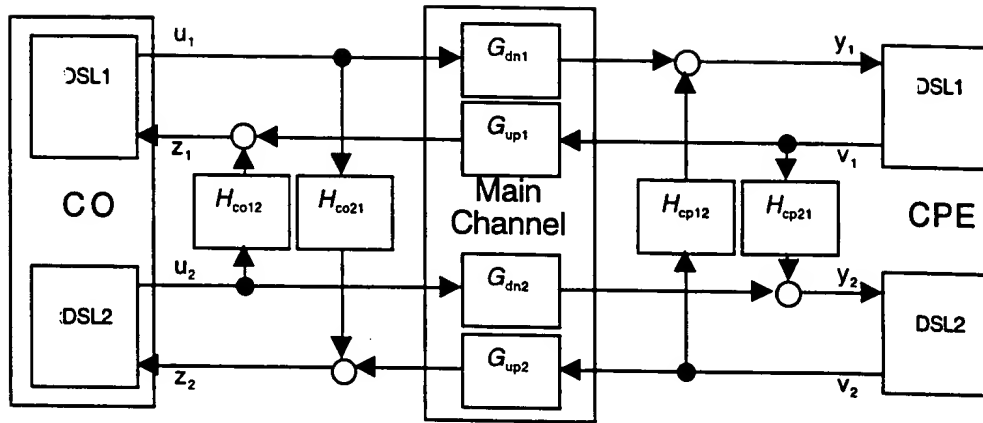
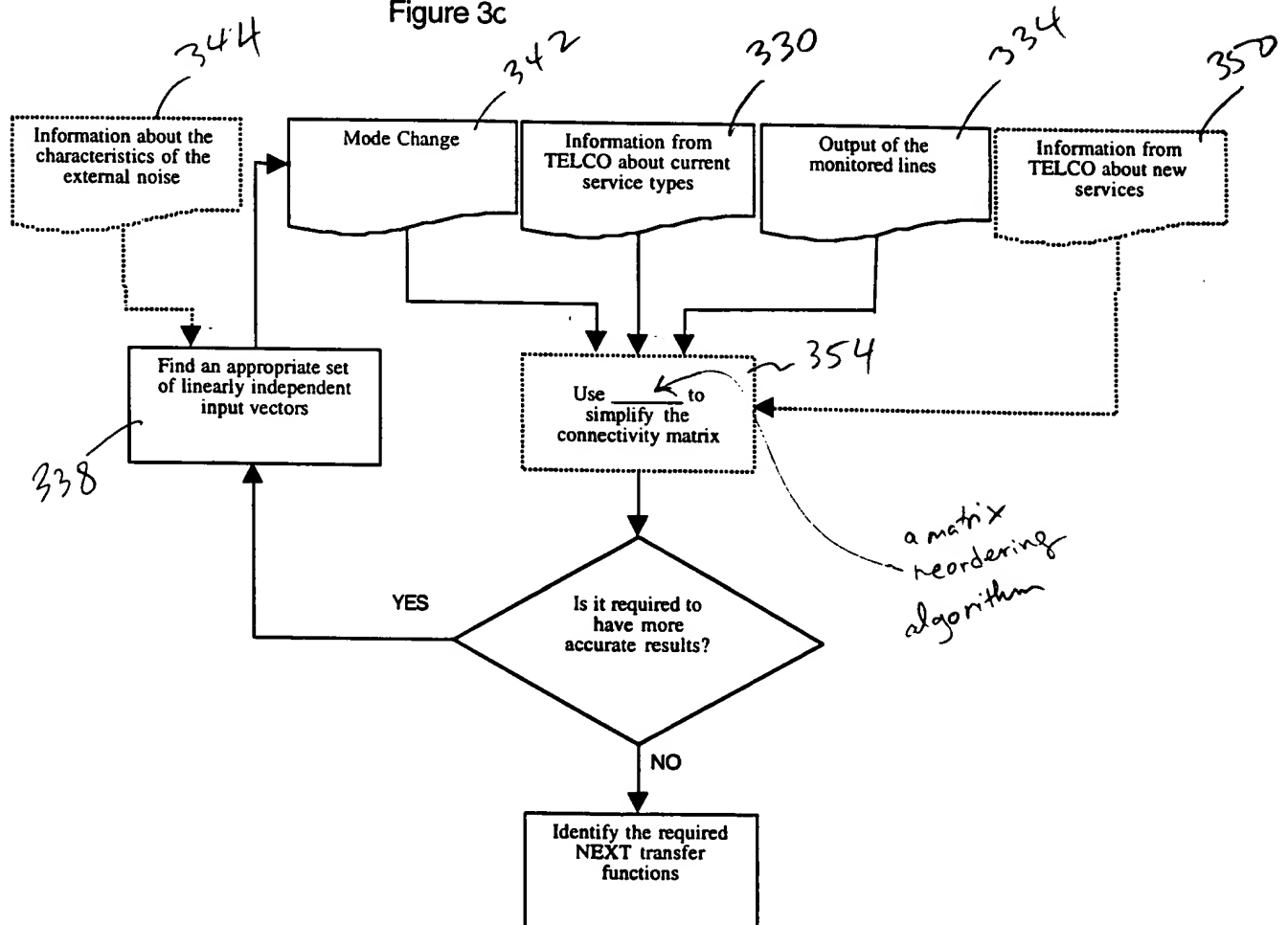
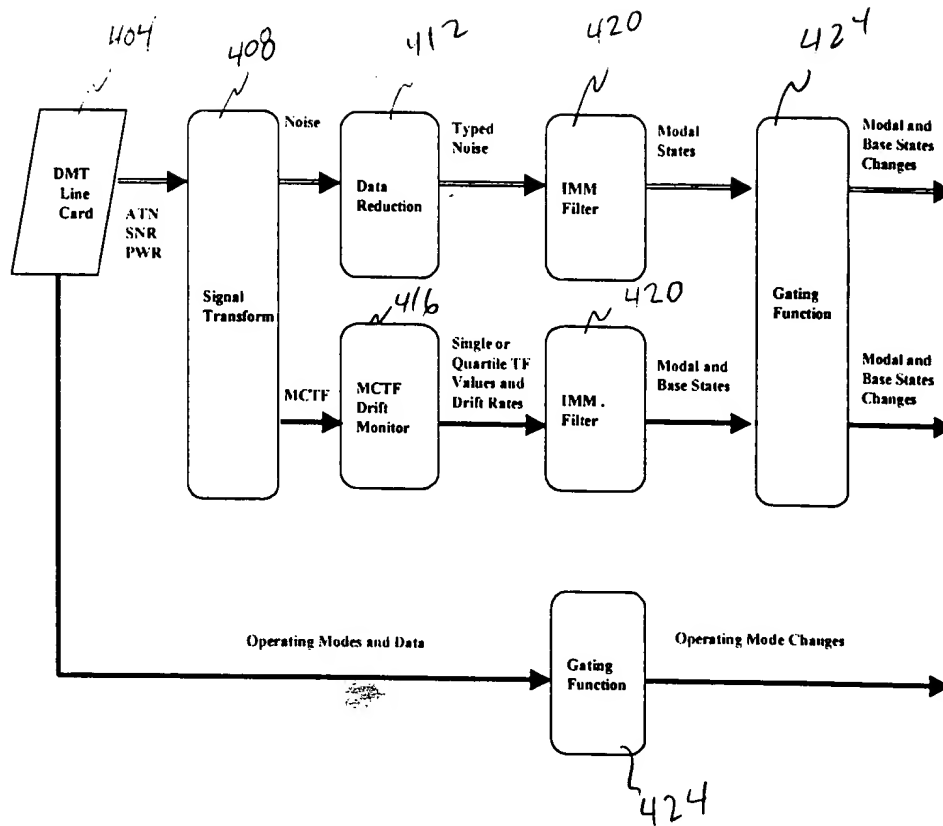


Figure 3c





Event Detection Architecture

Fig.4 A

001340.2081

Fig. 4B

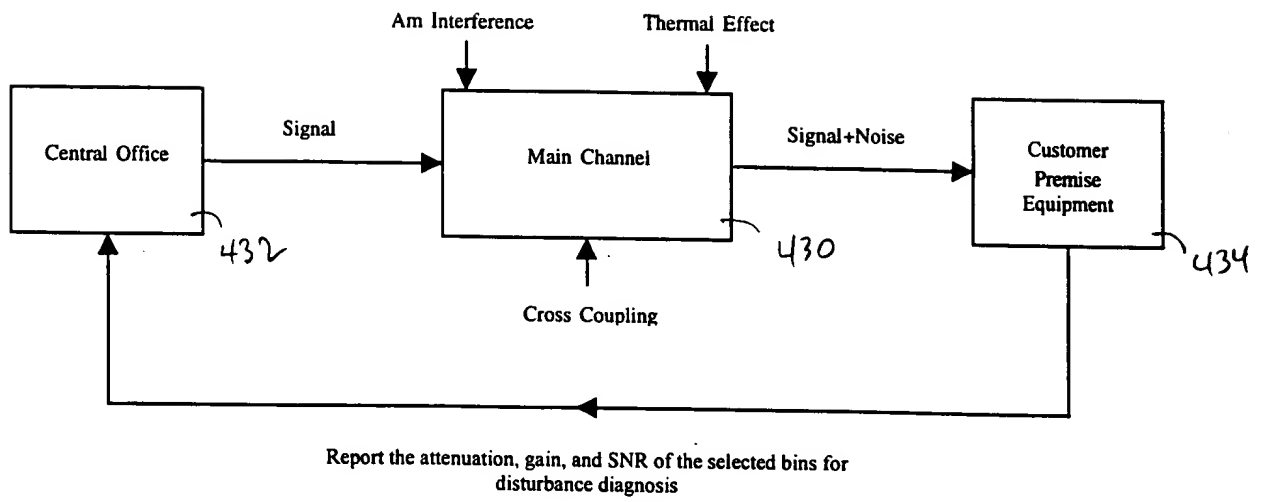
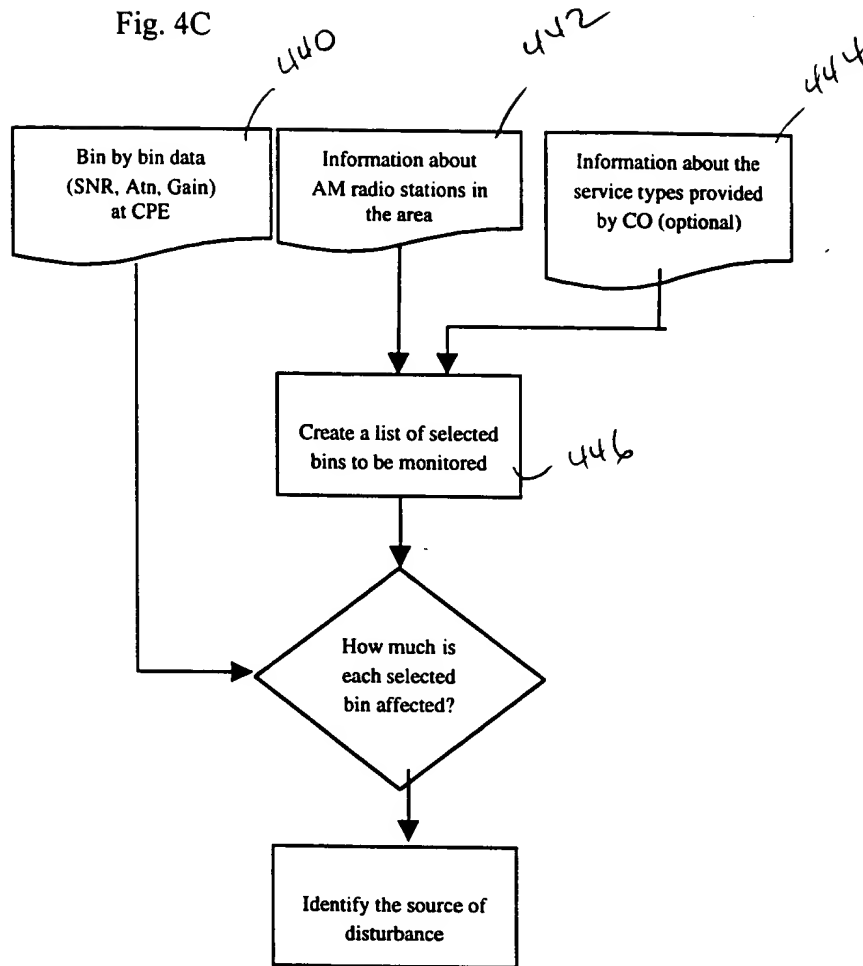


Fig. 4C



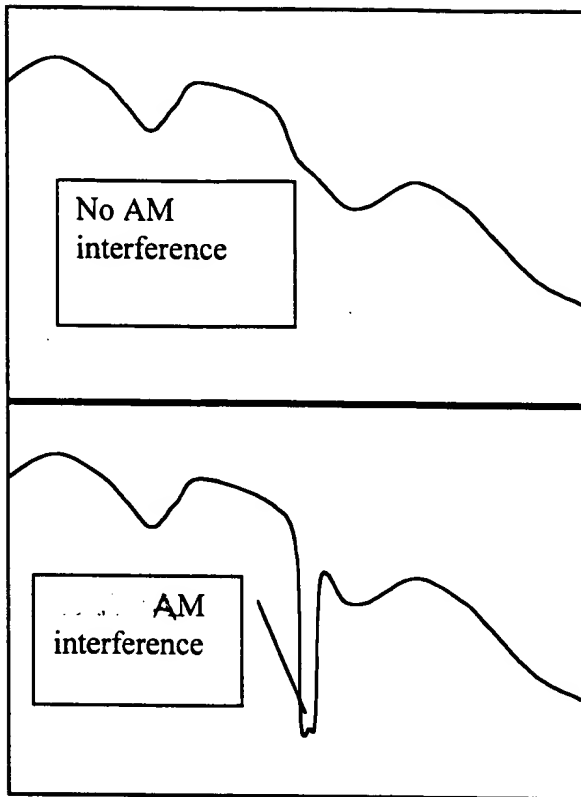


Fig. 4D

Figure 1 consists of 12 histograms arranged in a single row. Each histogram represents the frequency distribution of the number of non-zero elements in the vector  $x$  for a specific value of  $n$ . The x-axis for all histograms is labeled 'x' and ranges from 0 to 120. The y-axis is labeled 'Frequency' and ranges from 0 to 100. The histograms are for  $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120$ . As  $n$  increases, the distribution of non-zero elements shifts to the right, indicating that more elements in the vector  $x$  are non-zero for larger  $n$ . The peak frequency of the distributions decreases as  $n$  increases.

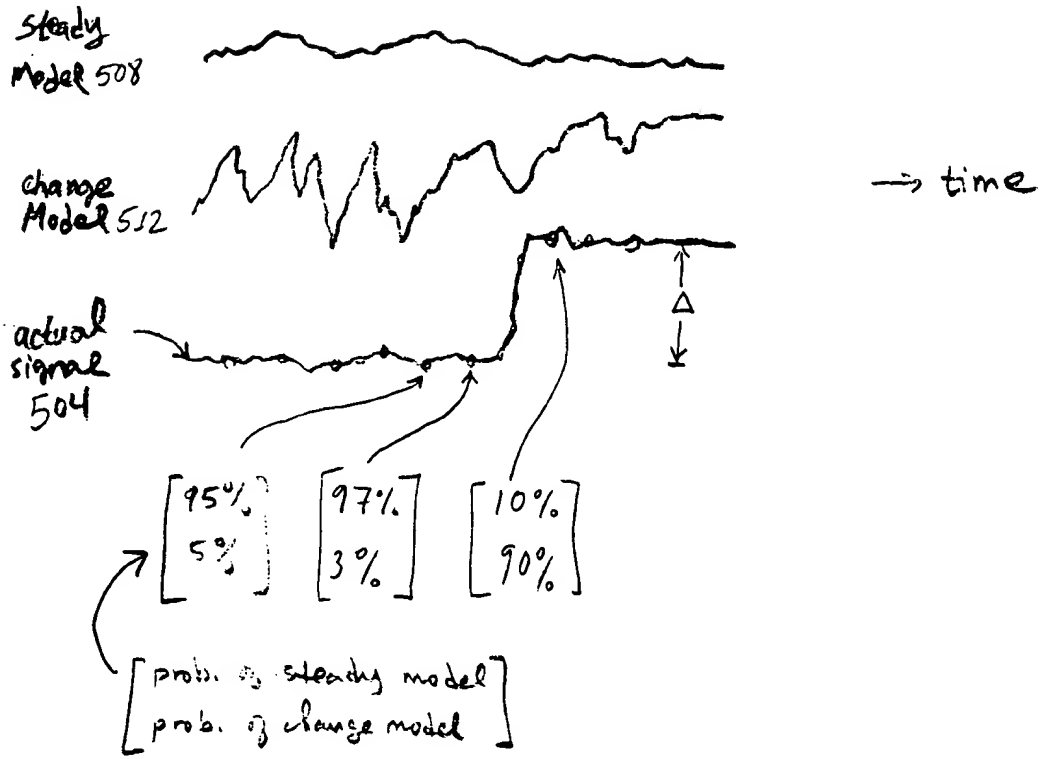


Fig. 5A

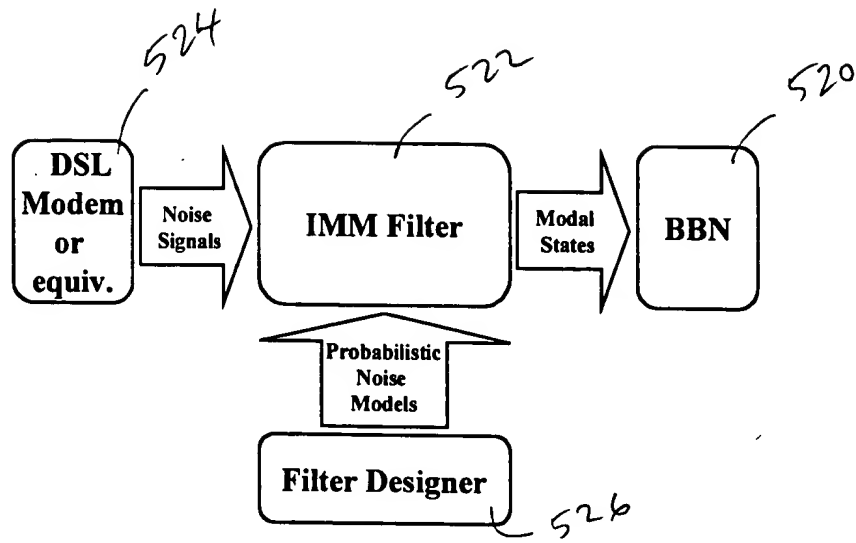


Fig. 5B

[illegible]

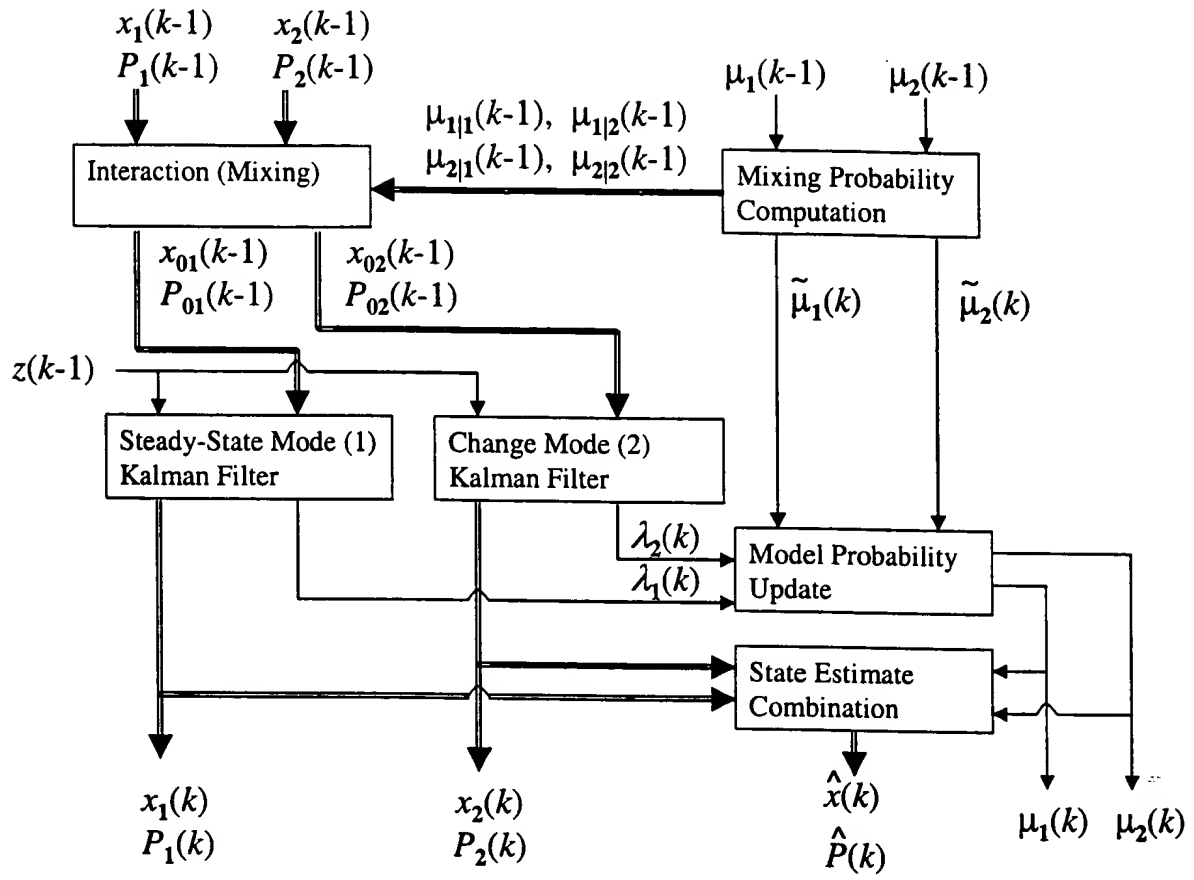


Fig. 5D

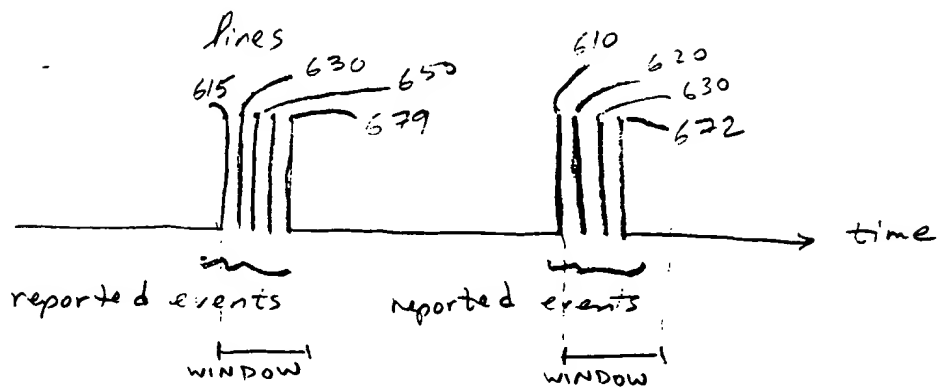
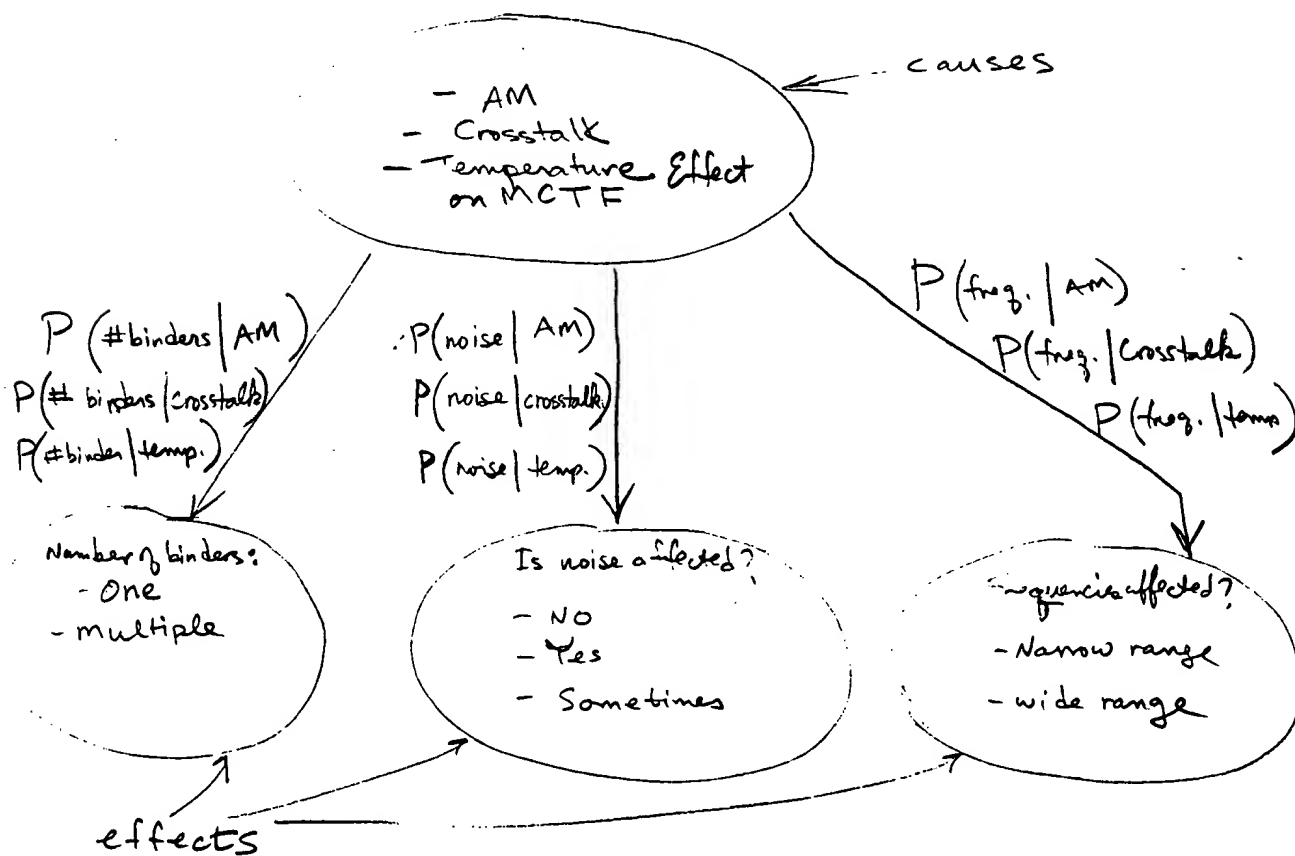


Fig. 6



  
 OBSERVATIONS

Fig. 7

## out-of-domain crosstalk BBN

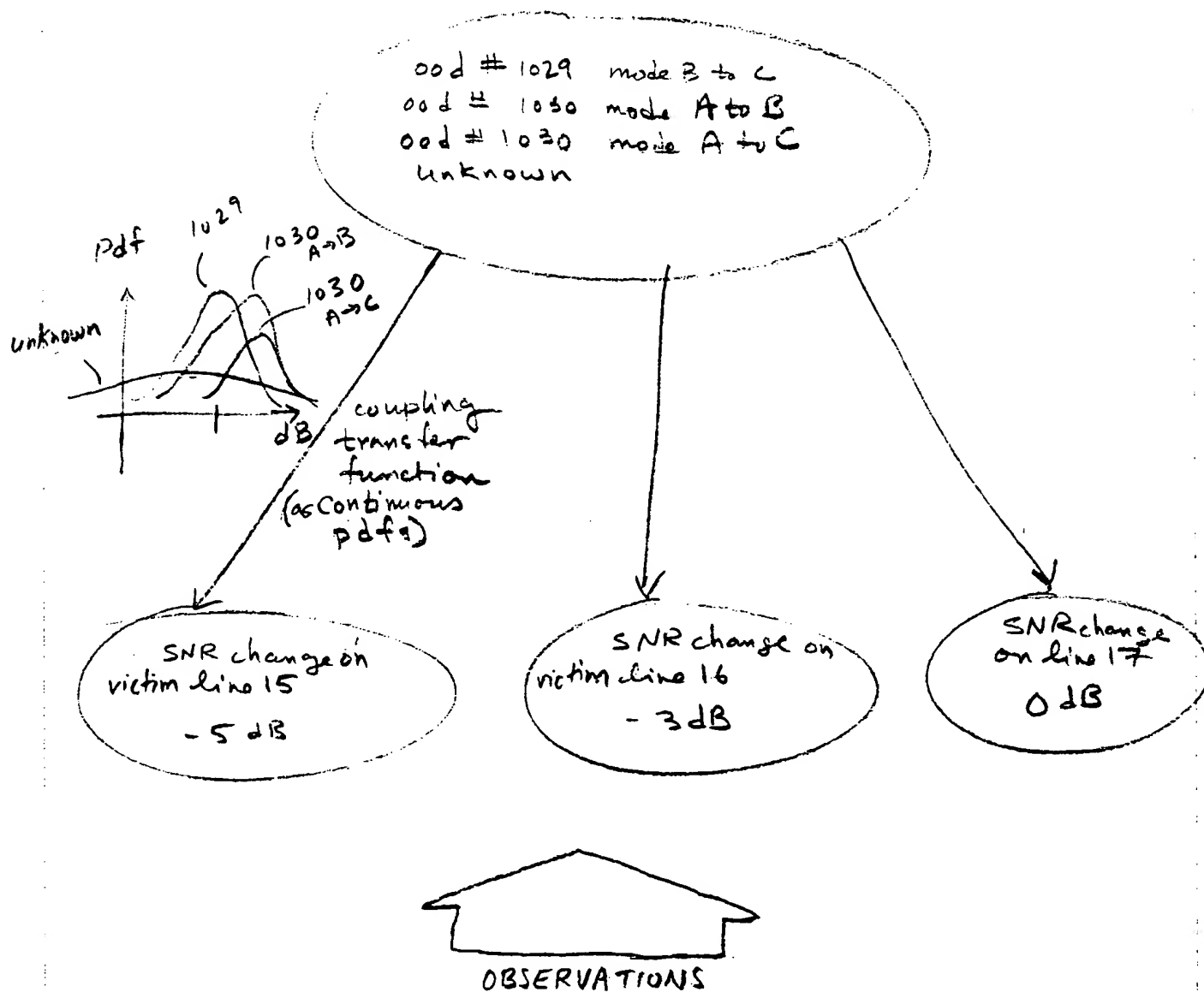


Fig. 8

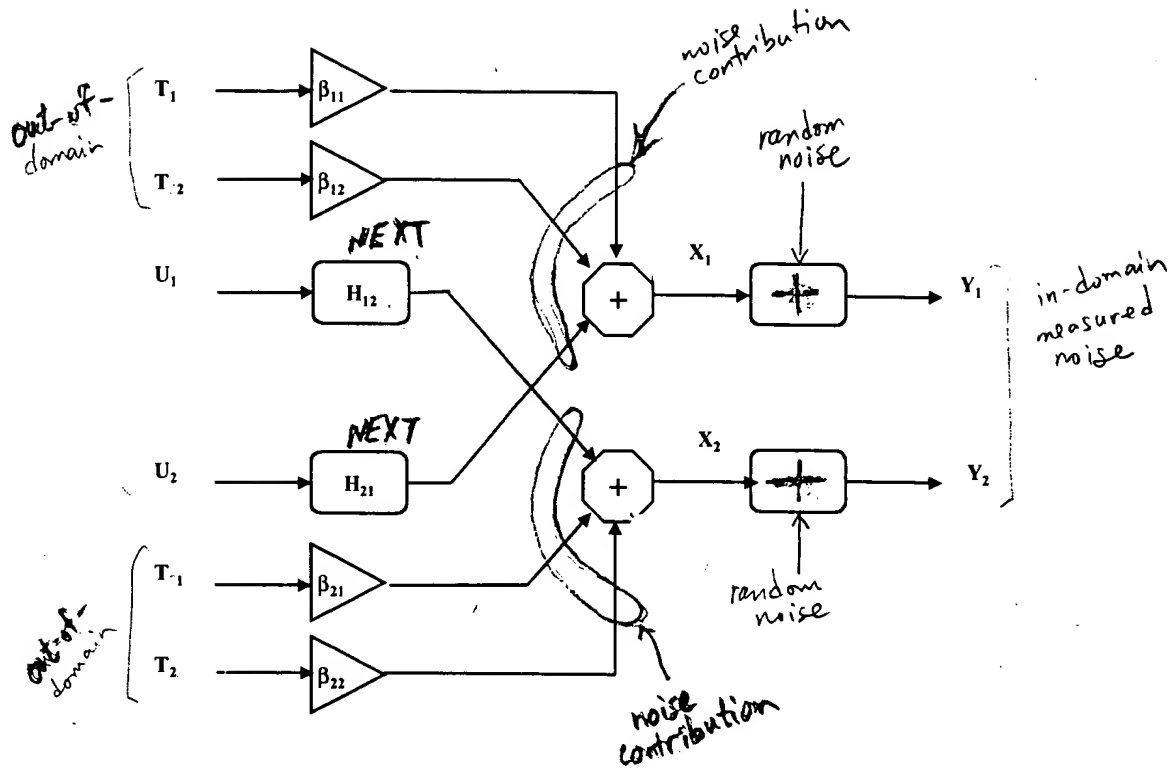


Fig 9

7005

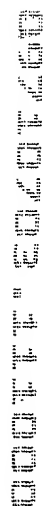


Fig. 10

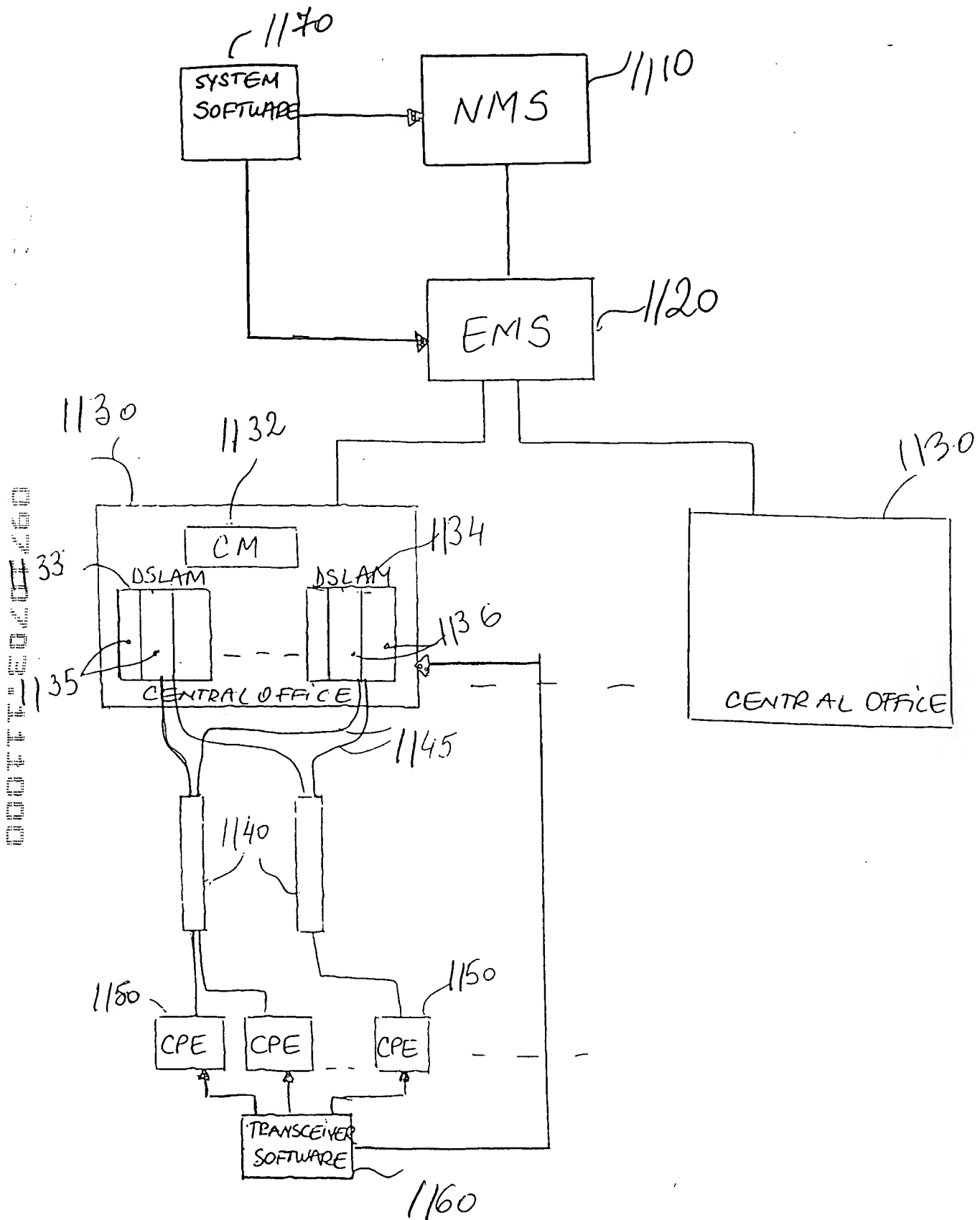


Fig. 11